

03-28-06



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DENTE ON THE ONTED STATESTA	IENI AND IRADEMARK OFFICE
Applicant(s): Dietrich	
Serial No.: 10/611,660	
Filed: 6/30/2003	Group Art Unit: 2661 Examiner:
Title: Containment of Rogue Systems in Wireless Network Environments	Examiner.
Attorney Docket No.: 6561/53769	
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
INFORMATION DIS	SCLOSURE STATEMENT
Dear Sir:	
This Information Disclosure Statemen	t is submitted:
•	ational application; or date of entry of international ate of first office action on the merits; whichever
under 37 CFR 1.97(c) together v Statement under 37 CFR 1.9 a \$180.00 fee under 37 CFR (After the CFR 1.97(b) time allowance, whichever occur	97(e), or R 1.17(p), or e period, but before final action or notice of
before payment of the issue Statement under 37 CFR 1.97 contained in the information communication from a fore application, and, to the known	97(e), and 7 CFR 1.17(p). otice of allowance, whichever occurs first, but

disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together X with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

Applicant does not admit that the references, included in this Information Disclosure Statement, constitute prior art under the relevant statutes.

It is requested that the information disclosed herein be made of record in this application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Certification Under 37 CFR §1.10 (if applicable) Express Mail Label No. EO9189564595US

I hereby certify that this Transmittal, enclosed Information Disclosure Statement, and any other documents referred to as enclosed herein, being deposited in an envelope with the United States Postal Service "Express Mail" service under 37 CFR §1.10 on the date above and addressed to the Commissioner for Patents, Alexandria, Virginia 22313-1450.

Date of Deposit: March 27, 2006

Typed Name: Anne M. O'Shea

BMO She

Respectfully submitted,

Jonathan P. Kudla Agent for Applicant(s)

Reg. No. 47,124

Date: March 27, 2006

Telephone No.: 415-826-7966

Signature:

PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Operating Parents of Information unless it displays a valid OMB control number.

				or amount in copie, or a raine of the control manifold	
- Cut	ostitute for form 1449A/PTO		Complete if Known		
Substitute for form 1445AFTO			Application Number	10/611,660	
11	NFORMATION DISCL	LOSURE	Filing Date	6/30/2003	
S	TATEMENT BY APP	LICANT	First Named Inventor	Dietrich	
			Art Unit	2661	
(Use as many sheets as necessary)			Examiner Name		
Sheet	1	of 3	Attorney Docket Number	6561/53769	

		- -	U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2003/0117985 A1	06-26-2003	Fujii, et al.	
		US-2003/0135762 A1	07-17-2003	Macaulay	
		US-2002/0174335 A1	11-21-2002	Zhang, et al.	
		US-6,456,892 B1	09-24-2002	Dara-Abrams, et al.	
		US-5,564,079	10-08-1996	Olsson	
		US-6,134,448	10-17-2000	Shoji, et al.	·.·
		US-6,112,095	08-29-2000	Wax, et al.	
		US-6,115,605	09-05-2000	Siccardo, et al.	
		US-6,140,964	10-31-2000	Sugiura, et al.	
		US-6,198,935 B1	03-06-2001	Saha, et al.	
		US-6,212,391 B1	04-03-2001	Saleh, et al.	
		US-6,259,406 B1	07-10-2001	Sugiura, et al.	
		US-6,269,246 B1	07-31-2001	Rao, et al.	
		US-6,275,190 B1	08-14-2001	Sugiura, et al.	
		US-6,282,427 B1	08-28-2001	Larsson, et al.	
		US-6,304,218 B1	10-16-2001	Sugiura, et al.	
		US-6,415,155 B1	07-02-2002	Koshima, et al.	
		US-6,249,252 B1	06-19-2001	Dupray	
		US-6,414,634 B1	07-02-2002	Tekinay	
		US-6,441,777 B1	08-27-2002	McDonald	
		US-6,526,283 B1	02-25-2003	Jang	
		US-6,556,942 B1	04-29-2003	Smith	· .

	FOREIGN PATENT DOCUMENTS								
Examiner	Ī	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,				
Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T ⁶			
		EP 0 930 514 A2	07-21-1999						
	<u> </u>	EP 0 967 816 A1	12-29-1999						
	<u> </u>	EP 1 018 457 A1	07-12-2000						
	<u> </u>	EP 1 296 531 A1	03-26-2003			-			
· · · · · · · · · · · · · · · · · · ·		EP 1 301 055 A1	04-09-2003	······································	*				
······································		JP 02044929	02-14-1990						
· 4		WO 02/054813 A1	07-11-2002	***************************************					
***************************************		WO 03/023443 A2	03-20-2003						
	*	WO 97/33386	10-17-2000						
***************************************		WO 98/41048	12-29-1999						
		WO 99/08909	07-12-2000						
		WO 02/43425 A1	05-30-2002						

Examiner	Date	-	
Signature	Considered		

ad, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant, "Applicant's unique citation designation number ional). *See Kinds Codes of USPTO Patent Documents at <a href="https://www.tasto.gov"/www.efector.code"/www.tasto.gov or wPEP 601.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Ond of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C., 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form endor suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petant and Trademark Office, U.S. Department of Commissioner for Petants, P.O. Box 1460, Alexandria, VA 22313-1460.

PTO/SB/08b (07-05)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO					Complete if Known
				Application Number	10/611,660
INFORMATION DISCLOSURE				Filing Date	6/30/2003
	STATEMENT BY APPLICANT			First Named Inventor	Dietrich
317	STATEMENT BY APPLICANT		Art Unit	2661	
(Use as many sheets as necessary)				Examiner Name	·
Sheet	2	of	3	Attorney Docket Number	6561/53769

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
• • • • • • • • • • • • • • • • • • • •		Chirumamilla, Mohan K. and Ramamurthy, Byrav. *Agent Based Intrusion Detection and Response System for Wireless LANs.* IEEE Int'l Conference on Communications, 2003, Vol. 1, pp. 492-496.	
		"IBM Research Demonstrates Industry's First Auditing Tool for Wireless Network Security." July 12, 2001, Hawthorne, N.Y. IBM RESEARCH NEWS, 'Online. URL: http://domino.research.ibm.com/comm/pr.nsf/pages/news.20010712_wireless.html	
		"IBM Researchers Demonstrate Industry's First Self-Diagnostic Wireless Security Monitoring Tool." June 21, 2002, Hawthorne, N.Y. IBM NIEUWS, 'Online! URL: http://domino.research.ibm.com/comm/pr.nsf/pages/news.20020617_dwsa.html	
		"Ekahau Logical Areas-location enabling the Wi-Fi network." April 4, 2003. Ekahau, Inc., Saratoga, CA. Company's URL: www.ekahau.com	
		"Ekahau Positioning Engine 2.0: Product Overview." April 4, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/products/positioningengine/	
	-	"Ekahau Positioning Engine 2.0: Data Sheet." April 04, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/pdf/EPE_2.0_datasheet.PDF	
		"Indoor Positioning in 802.11b Networks." April 04, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/products/positioningengine/features.html	
		"tnFielder." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/InFielder/InFielder.asp	
		"LANFielder." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/LANFielder/LANFielder.asp	
		"Optimatic." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/Optimatic/Optimatic.asp	
		"Predictor." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/Predictor/Predictor.asp	
		"LANFielder Product Literature." February 10, 2004. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Assets/brochures/LanFielder.pdf	
		Conley, C "Securing WLANS with Location-Enabled Networks."	-
		Wireless Security Perspectives, Vol.5,No.3.March,2003. Organization's URL: www.cnp-wireless.com/wsp.html	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to

[&]quot;Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA

PTO/SB/08b (07-05)

Approved for use through 06/30/2006. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO					Complete if Known	
				Application Number	10/611,660	
INFORMATION DISCLOSURE				Filing Date	6/30/2003	
STATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor	Dietrich	
			ANI	Art Unit	2661	
				Examiner Name		
Sheet	3	of	3	Attorney Docket Number	6561/53769	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Company Information." April 6, 2004. Corsair Communications: A LightBridge Company, Burlington, MA. Company's URL: www.lightbridge.com	
		Corporate Fact Sheet. Aruba Wireless Networks, San Jose, CA. February 10, 2004. URL: http://www.arubanetworks.com/pdf/corporate_fact_sheet.pdf	
		"Airwave Rogue Access Point Detection." 2002. Airwave Wireless, Inc. San Mateo, CA. URL: http://airwave.com/features.html	,
		Geier, J. *Identifying Rogue Access Points.* January 6, 2003. Wi-Fi Planet Tutorials. URL: http://www.wi-fiplanet.com/tutorials/article.php/1564431	
.,	***************************************	Brewin, B. "IBM Develops Tool to Detect Rogue Wireless LAN Access Points." June 17, 2002. Computerworld, Framingham, MA. URL: http://www.computerworld.com/mobiletopics/mobile/story/0,10801,72065,00.html	
		Bulusu, N., Heidemann, J., Estrin, D. "GPS-less Low Cost Outdoor Localization for Very Small Devices." <i>IEEE Personal Communications</i> , October 2000. URL: http://lecs.cs.ucla.edu/~bulusu/papers/Bulusu00a.pdf	
		"Assessing Wireless Security with AiroPeek and AiroPeek NX." A WildPackets Academy Tutorial from www.wildpackets.com, WildPackets Inc., Walnut Creek, CA. January 16, 2003.	
		URL: http://www.wildpackets.com/elements/whitepapers/AiroPeek Security.pdf "AiroPeek and Wireless Security: Identifying and Locating Rogue Access Points." A WildPackets Academy Tutorial from www.wildpackets.com, WildPackets Inc., Walnut Creek, CA. January 16, 2003.	
-11		URL: http://www.wildpackets.com/elements/whitepapers/RoqueAccessPoints.pdf Craiger, J. P. "802.11, 802.1x, and Wireless Security." June 23, 2002. From the SANS Information Security Reading Room on www.sans.org, The SANS Institute, Bethesda, MD.	
- Mindulation and a second a second and a second a second and a second a second and		URL: http://www.sans.org/rr/papers/68/171.pdf Baily, S. "Is IEEE 802.1X Ready for General Deployment?" April 7, 2002. From the SANS' Information Security Reading Room on www.sans.org, The SANS Institute, Bethesda, MD.	
	-	URL; http://www.sans.org/π/papers/9/709.pdf	
· AMMINISTRATION STREET			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA